



Sheet 1 of 1

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| FORM PTO-1449  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |  | ATTORNEY DOCKET NO.<br>1344.1123             | APPLICATION NO.<br>10/642,602 |
| INFORMATION DISCLOSURE STATEMENT<br><i>(Use several sheets if necessary)</i> |  |  | FIRST NAMED INVENTOR<br>Fumio FUTAMI, et al. |                               |
|  |  |  | FILING DATE<br>August 19, 2003               | GROUP ART UNIT<br>2613        |

#### U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL |    | DOCUMENT NO. | DATE       | NAME           | CLASS | SUB-CLASS | FILING DATE |
|-------------------|----|--------------|------------|----------------|-------|-----------|-------------|
| /NC/              | AA | 5,973,816    | 10-26-1999 | Akiyama et al. |       |           |             |
|                   | AB |              |            |                |       |           |             |
|                   | AC |              |            |                |       |           |             |
|                   | AD |              |            |                |       |           |             |
|                   | AE |              |            |                |       |           |             |
|                   | AF |              |            |                |       |           |             |

#### FOREIGN PATENT DOCUMENTS

|      |    | DOCUMENT NO. | DATE       | COUNTRY | TRANSLATION<br>YES      NO | ABSTRACT |
|------|----|--------------|------------|---------|----------------------------|----------|
| /NC/ | AG | 05-206988    | 08-13-1993 | JAPAN   |                            | X        |
| /NC/ | AH | 11-72761     | 03-16-1999 | JAPAN   |                            | X        |
| /NC/ | AI | 09-214470    | 08-15-1997 | JAPAN   |                            | X        |
| /NC/ | AJ | 08-204678    | 08-09-1996 | JAPAN   |                            | X        |
|      | AK |              |            |         |                            |          |
|      | AL |              |            |         |                            |          |

#### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

| TRANSLATION<br>YES      NO |
|----------------------------|
|                            |

|      |    |  |  |   |
|------|----|--|--|---|
| /NC/ | AM | Japanese Office Action issued in JP2002-238806, dated 06-12-07 |  | X |
|------|----|--|--|---|

|                           |                               |
|---------------------------|-------------------------------|
| EXAMINER<br>/Nathan Curs/ | DATE CONSIDERED<br>08/22/2007 |
|---------------------------|-------------------------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.